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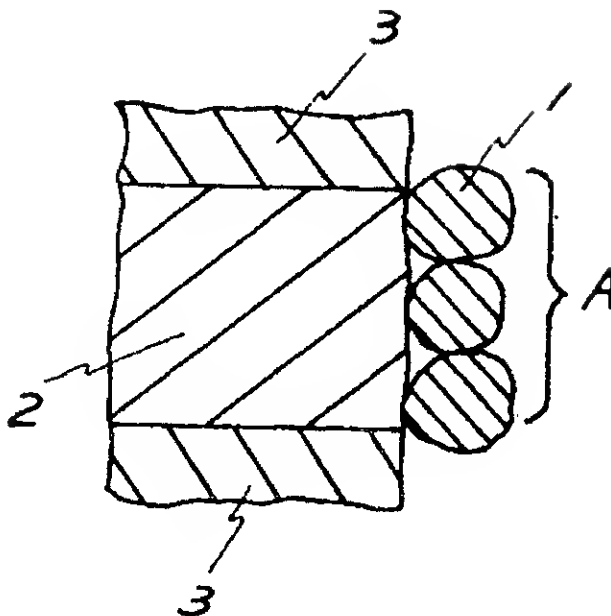
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TITLE : SIDEWALL STRUCTURE OF  
PRESSURE-SENSITIVE ADHESIVE  
TAPE ROLL



ABSTRACT : PURPOSE: To obtain an adhesive tape roll which can be stored for a long time without blocking, even by contacting the sidewalls of the rolls with each other, by attaching non-adhesive particles having specific diameter to the sidewall of a pressure-sensitive adhesive tape roll prepared by applying a pressure-sensitive adhesive layer to the surface of a flexible substrate tape, and winding the adhesive tape.

CONSTITUTION: A pressure-sensitive adhesive layer 2 composed mainly of a rubber and/or a synthetic resin is applied to the surface of a substrate tape 3 such as flexible polyester film, Japanese paper, non-woven fabric, etc. to a thickness of 10–200 $\mu$ m, and the adhesive tape is wound to form a roll. Non-adhesive particles 1 (e.g. calcium carbonate, starch, etc.) having particle size of  $\geq 1/5$ , preferably  $1/3$ – $2/3$  of the thickness of the above adhesive layer are attached to the sidewalls of the adhesive tape roll.

EFFECT: Since the particle layer is formed so as to cover the edge of the substrate tape, the oozing of the adhesive and the blocking of the roll can be prevented.

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